SHA's MD 210 Interchange Project
at Livingston Road/Kerby Hill Road

INFORMATIONAL MEETING

July 8, 2014

SHA's MD 210 Interchange Project

- **Location:** MD 210 in Prince George's County
- **Limits:** North of Wilson Bridge Drive to the southern end of MD 210 Service Road B – Approximately 2.0 miles
- **Classification:** "K" – $75,000,001 to $100,000,000
- **Procurement:** Competitive Sealed Proposals – Best Value

SHA's MD 210 Interchange Project

The Project Consists of the Design and Construction of:

- A grade separated interchange at MD 210 and Livingston Road/Kerby Hill Road
- Removal of the MD 210 at Wilson Bridge Drive Signalized Intersection
- A new service road for access to residential and commercial properties along MD 210 SB
- A bus loop and relocated bus stops ("transit hub") along the new service road
- Reconfiguration of the Livingston Road at Murray Hill Drive Intersection
- Reconfiguration of access to MD 210 NB from existing Service Road B
- Access for bicycles and pedestrians from MD 210 to Livingston Road/Kerby Hill Road and properties along MD 210 SB

(Continued)

SHA's MD 210 Interchange Project

The Project Consists of the Design and Construction of:

(Continued)

- Closed/open drainage systems, stormwater management quality and quantity facilities, and culvert extensions
- Bridge structures, retaining walls, and noise barriers
- Signing, marking, signalization, and roadway lighting
- Stream relocation/restoration, reforestation, landscape, and aesthetic treatments
- Utility coordination, relocations, and access
- Demolition of existing structures and possible hazmat removal
- Parking lot modifications for Brookside Condos and Wilson Towers

SHA's MD 210 Interchange Project

Environmental Impacts:

- Impacts to Existing Wetlands and Waters of the US
  - Wetland mitigation has been deferred
  - FEMA Floodplain Impacts
- Stream Restoration/Relocation
  - "Self mitigating" impacts
- Forest Impacts
  - Maximize on-site reforestation

SHA's MD 210 Interchange Project

Key Issues:

- Maintaining Access During Construction
  - Long-term Closures, Detours, Temporary Signals/Crossings
  - Emergency Response, School Buses, and Public Buses
  - Gas Station, Church, and Wilson Towers
- Construction Phasing and Coordination
  - Concurrent Construction of the Casino at National Harbor
  - Right-of-Way clearance to be phased before and after NTP
  - Advanced, Concurrent, and In-Contract Utility Relocations
  - Advanced Clearing Plans/Permits to facilitate utility relocations
- Stakeholder Outreach & Coordination
  - Condo/Apartment/Community Groups; PGFD, Schools, DPWT; WMATA; Gas Station/Church/Local Businesses; Utility Companies

Competitive Sealed Proposals

This is a Design-Build Contract being procured using the “Competitive Sealed Proposals” procurement method as defined in the Code of Maryland Regulations (COMAR) Title 21, Subtitle 05, Chapter 3.

Competitive Sealed Proposals

Low Price

Advertise RFP

↓

Tech Prop Submittal

↓

Evaluation

↓

RCL

↓

Price Proposal Submittal

↓

Evaluation

↓

Low Price Selection

MD 210

Best Value

Advertise RFQ

↓

SOQ Submittal

↓

Evaluation

↓

RCL

↓

Distribute RFP

↓

Tech & Price Proposal Submittal

↓

Evaluation

↓

Best Value Selection

Competitive Sealed Proposals

The intent of the Administration is to award the Contract to the responsible teams of designers and builders (DB Team) whose Proposal is determined to be the most advantageous to the State considering the technical evaluation factors and price.

Competitive Sealed Proposals

Two Step Procurement Process

Step 1 – Request For Qualifications (RFQ)

Step 2 – Request For Proposals (RFP)

Step 1 – Request For Qualifications (RFQ)

Step 1 – Request For Qualifications (RFQ)

Objective is to create a Reduced Candidate List (RCL) of the most highly qualified Proposers with the technical expertise and organizational structure necessary to successfully undertake and complete the Work.

A draft RFP and limited support information will be made available with the advertisement of the RFQ.

Step 1 – Request For Qualifications (RFQ)

Statement of Qualifications (SOQ)

Evaluation Factor

A. Lead Design Firm Experience/Qualifications and Past Performance

B. Lead Construction Firm Experience/Qualifications and Past Performance

C. Project Understanding and Team Organization

A. Lead Design Firm Experience/Qualifications and Past Performance

Lead Design Firm Experience/Qualifications

- Key Staff (at a Minimum)
  - Project Design Manager
  - Hydrological/Hydraulics Design Engineer
  - Geotechnical Engineer
  - Landscape Architect
  - Highway Engineer
  - Traffic Engineer
  - Structural Engineer
  - Stream Restoration Specialist

A. Lead Design Firm Experience/Qualifications and Past Performance

Lead Design Firm Past Performance

- Relevant Projects – Three (3) projects that highlight design experience relevant to this project, which the lead design firm functioned as the lead design firm

- Environmental Past Performance - Discuss past project specific techniques, products and practices that have resulted in the reduction of impacts to environmental features and/or in waste or pollution

B. Lead Construction Firm Experience/Qualifications and Past Performance

Lead Construction Firm Experience/Qualifications

- Key Staff (at a Minimum)
  - Design-Build Project Manager
  - Construction Manager
  - Utility Coordinator

B. Lead Construction Firm Experience/Qualifications and Past Performance

Lead Construction Firm Past Performance

- Relevant Projects – Three (3) projects that highlight construction experience relevant to this project, which the lead constructor firm functioned as the lead construction firm

- Environmental Past Performance - Discuss past project specific techniques, products and practices that have resulted in the reduction of impacts to environmental features and/or in waste or pollution

C. Project Understanding and Team Organization

- Understanding of the project scope and issues/risks
- Approach to how the DB Contracting and Team Integration
- Organizational Chart

Step 1 – Request For Qualifications (RFQ)

SOQ Evaluations

- Adjectival Rating Process
- Relative Importance of Evaluation Factors and Subfactors defined in RFQ
- Separate Evaluation Teams for each Factor(s)
- Evaluation Committee will determine recommendation for the RCL

Step 1 – Request For Qualifications (RFQ)

Those DB Teams who have made the RCL shall be notified in writing and shall be supplied with the RFP Package.

A stipend of $140,000 each will be paid to only those teams on the RCL that do not become the Successful Bidder.

Step 2 – Request For Proposals (RFP)

Step 2 – Request For Proposals (RFP)

Proposal submittal will include :

- *Technical Proposal*
- *Price Proposal*

Step 2 – Request For Proposals (RFP)

Technical Proposal Evaluation Factors

I. *Project Technical Elements and Approach*
II. *Environmental Approach*
III. *Project Management*
IV. *Project Schedule*
V. *Legal and Financial Information*

Step 2 – Request For Proposals (RFP)

Price Proposal Evaluation Factors

I. *Lump Sum Price w/ Lump Breakdown*

Step 2 – Request For Proposals (RFP)

Proposal Evaluations

- Adjectival Rating Process
- Relative Importance of Evaluation Factors and Subfactors defined in RFP
- Separate Evaluation Teams for each Technical Factor or Factors
- Separate Price Evaluation Team
- Evaluations Committee will determine Final Overall Technical Rating for Each Proposal

Step 2 – Request For Proposals (RFP)

Best Value Selection

- Once Technical Ratings determined, Price will be revealed to Evaluation Committee
- Evaluation Committee will determine recommendation of “Best Value” selection based on best combination of Technical Rating and Price.

Step 2 – Alternative Technical Concepts (ATC)

Confidential ATC process allows innovation and flexibility to be incorporated into the Proposals submitted by the RCL.

SHA will review ATC submissions to determine if the proposed technical concepts are consistent with the RFP requirements.

Step 2 – Alternative Technical Concepts (ATC)

Each ATC submittal shall include the following:

A) Description
B) Usage
C) Deviations
D) Analysis
E) Impacts
F) History
G) Risks
H) Costs
J) Price

Step 2 – Alternative Technical Concepts (ATC)

SHA will return its approval, non-approval, conditional approval, or additional questions pertaining to any specific ATC no later than two weeks after receipt of that ATC.

SHA may conduct one-on-one meetings with a Proposer to gain information or a better understanding regarding its ATC and to discuss issues and clarifications regarding the ATC.

Step 2 – Discussions

SHA may engage in communications or discussions with the Proposers after receipt of Price Proposals.

Allows Proposers to provide clarifications to their Proposals or otherwise to address issues that might prevent the Proposal from being placed in the Competitive Range.

Proposed Procurement Schedule

Advertise RFQ	August 5, 2014
Final Date for Receipt of Proposer's RFQ Questions	August 28, 2014
Submit SOQ	September 10, 2014
Notify Reduced Candidate List (RCL)	October 2, 2014
Release RFP to RCL	October 2, 2014
Last Day to Submit ATC's	November 3, 2014
Final Date for Receipt of Proposer's RFP Questions	November 24, 2014
Submit Technical Proposals	December 8, 2014
Price Proposal Submittal to SHA	December 22, 2014
Selection of Successful Team	January 2015

Information related to this presentation will be available at the following: www.roads.maryland.gov under Business Center, Contracts, Bids & Proposals, Competitive Sealed Proposals, PG7005170.

Email: PG7005170_MD_210@sha.state.md.us

Questions?